Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086107.D
Acq On : 6 Apr 2016 19:35
Operator : UM/SJ
Sample : H2254-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-17

Quant Time: Apr 07 01:12:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	149500	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	597785	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	252777	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	413063	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	306470	20.00	ng		-0.03
86) Perylene-d12	15.30	264	323982	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	905586	103.54	ng		-0.02
7) Phenol-d6	6.40	99	1165559	104.92	ng		-0.02
23) Nitrobenzene-d5	7.31	82	610002	60.18	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	205038	86.42	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	917123	60.33	ng		-0.03
78) Terphenyl-d14	12.84	244	660444	50.66	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.51	77	17508	2.93	ng		84
19) n-Nitroso-di-n-propylamine	7.31	70	81004	11.76	ng	#	79
25) Isophorone	7.31	82	548351	27.40	ng	#	68
49) Dimethylphthalate	9.50	163	172520	9.21	ng		98
56) 2,4-Dinitrotoluene	9.78	165	32772	6.54	ng	#	37
66) 4-Bromophenyl-phenylether	10.57	248	13046	3.09	ng	#	1
70) Phenanthrene	11.29	178	54514	2.42	ng		98
74) Fluoranthene	12.48	202	81859	3.49	ng		90
77) Pyrene	12.71	202	67914	3.14	ng		99
80) Benzo(a)anthracene	13.88	228	44667	2.47	ng		96
82) Chrysene	13.88	228	44667	2.57	ng		95
87) Benzo(b)fluoranthene	14.91	252	75518	3.71	ng		98
88) Benzo(k)fluoranthene	14.91	252	75518	4.18	ng	#	96
89) Benzo(a)pyrene	15.24	252	38245	2.12	ng		95
91) Benzo(g,h,i)perylene	17.05	276	28614	2.04	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
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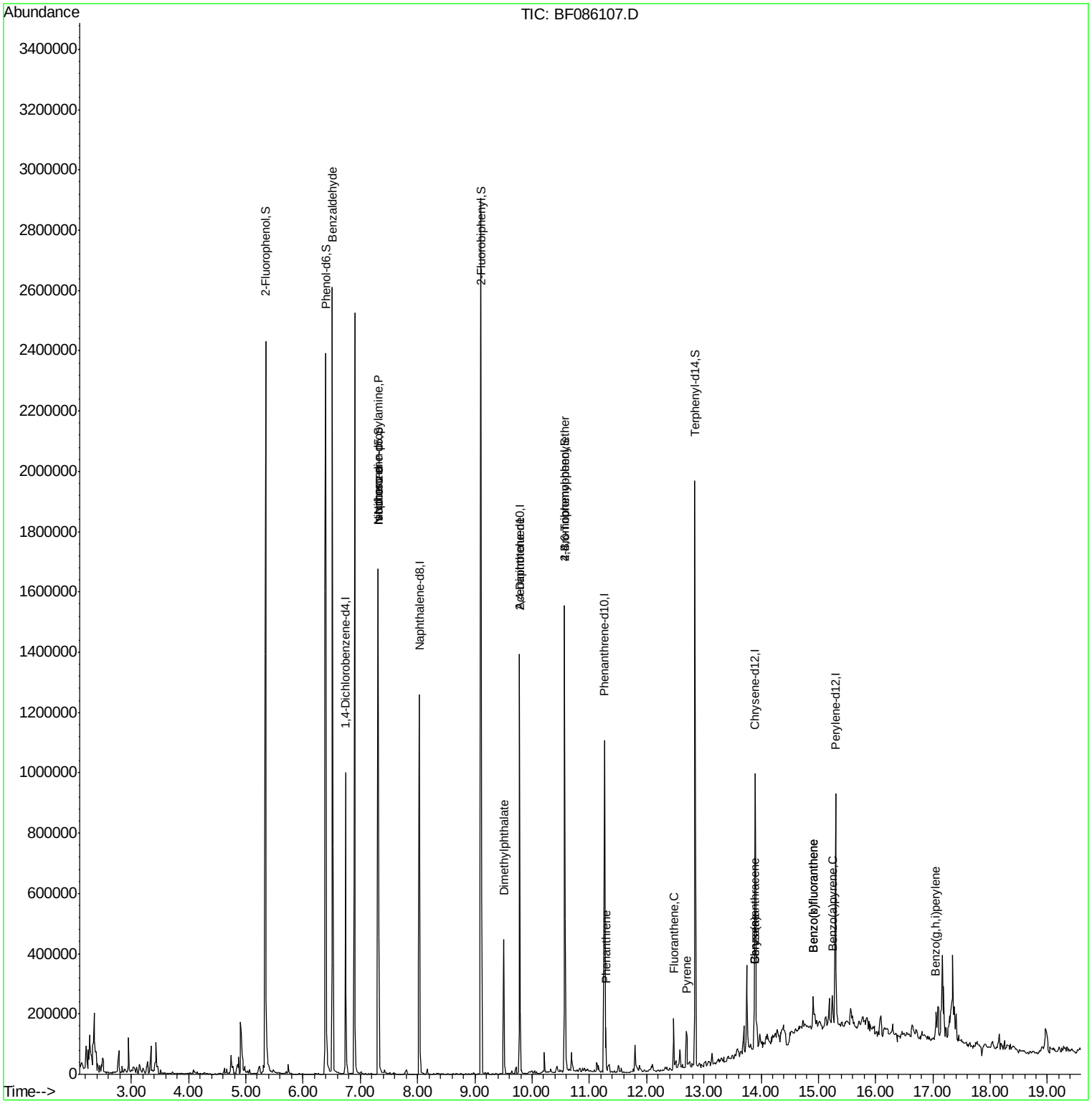
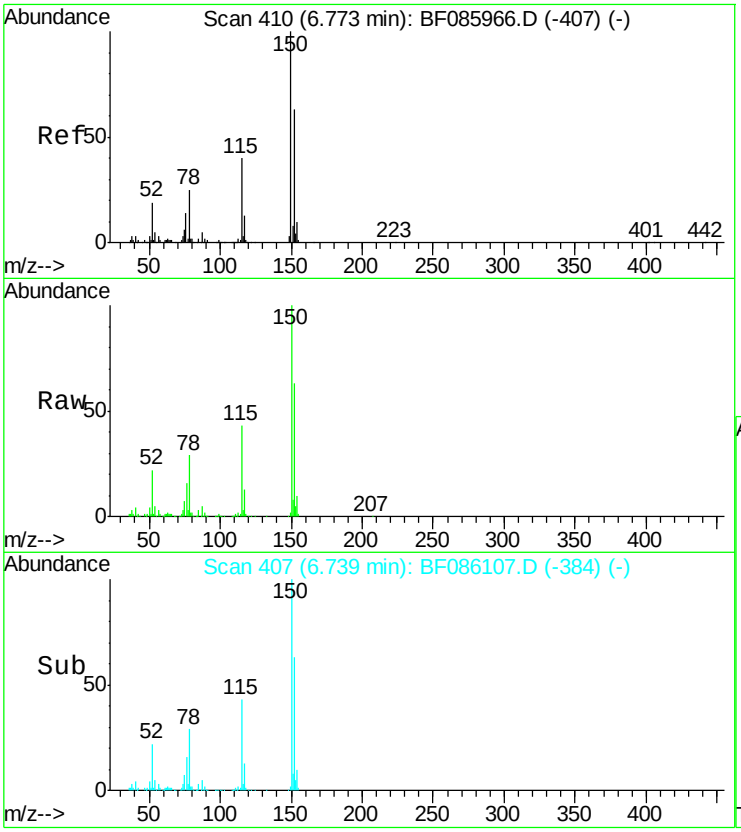


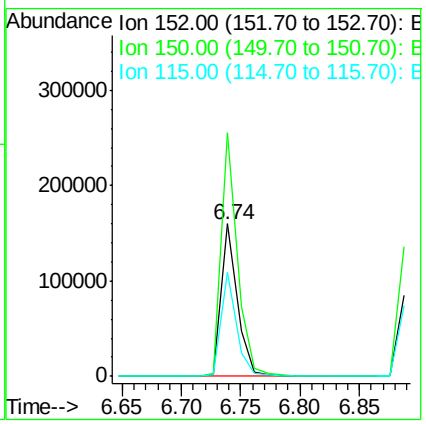


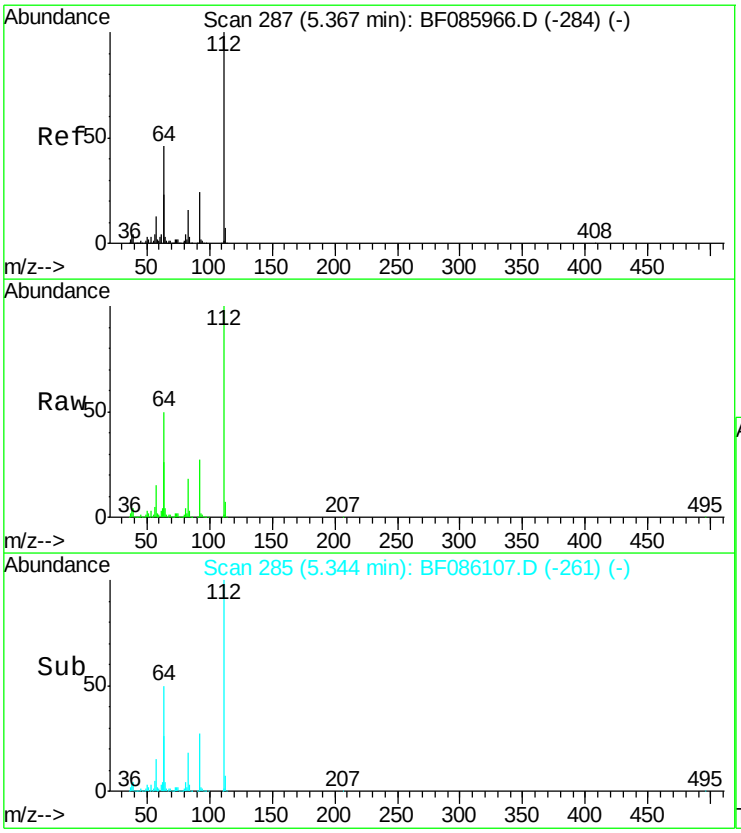
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:152 Resp: 149500

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.2	186.2
115	68.2	47.0	70.6

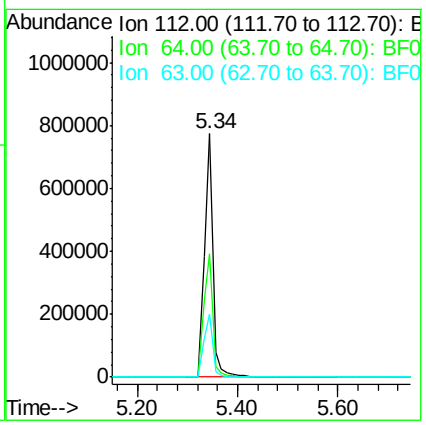


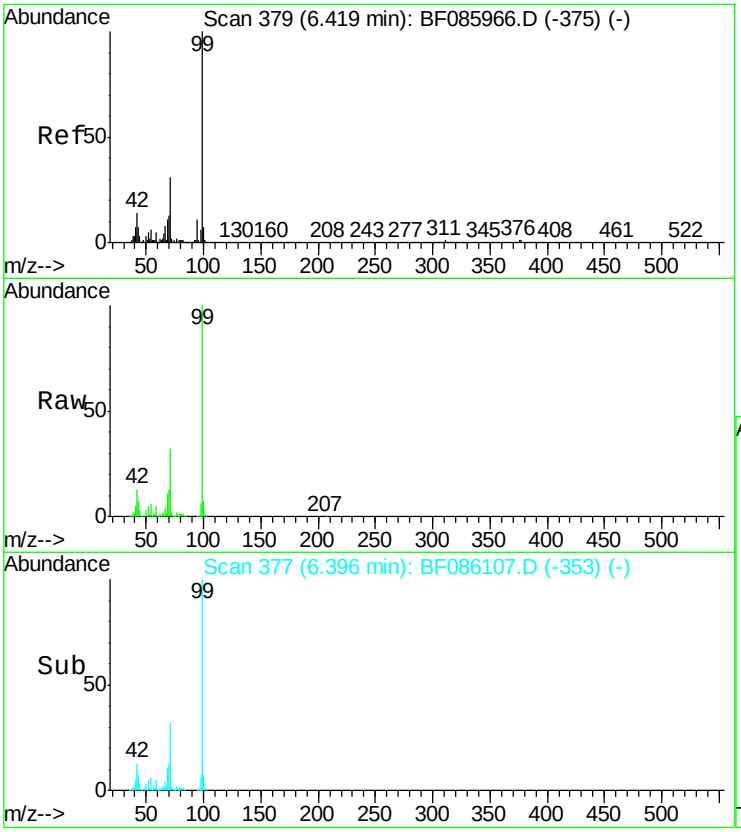


#5
2-Fluorophenol
Concen: 103.54 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:112 Resp: 905586

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.9	59.9
63	25.7	20.2	30.2



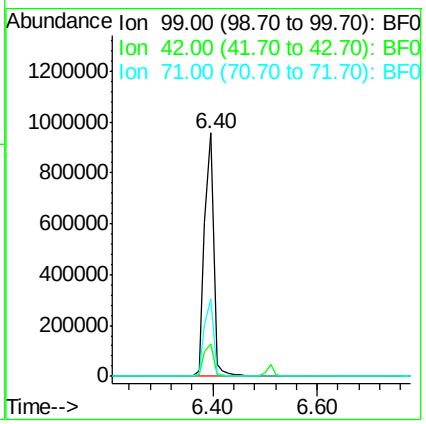


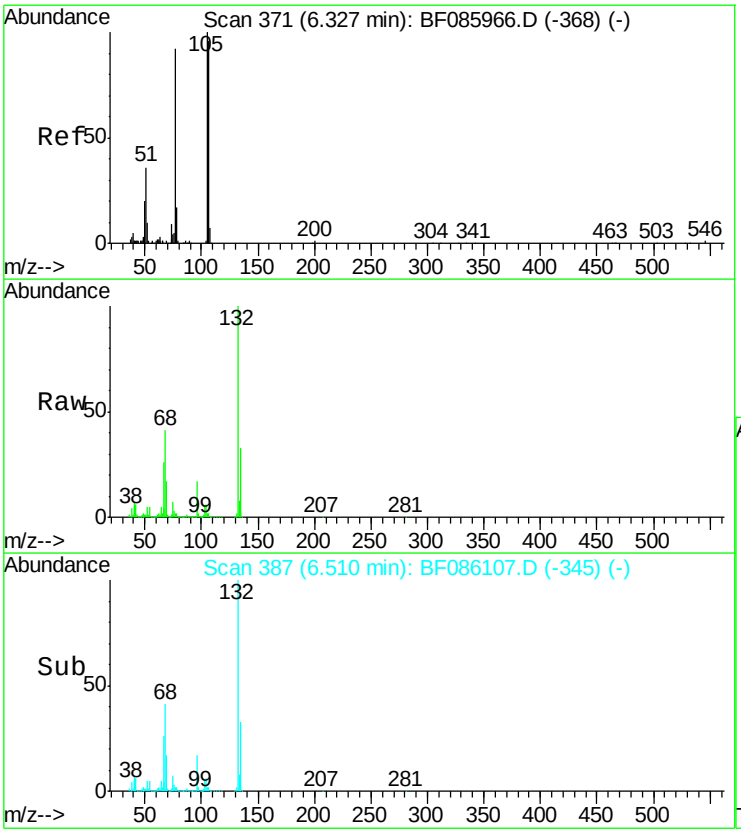
#7
Phenol-d6
Concen: 104.92 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion: 99 Resp: 1165559

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.1	16.7
71	31.7	24.9	37.3

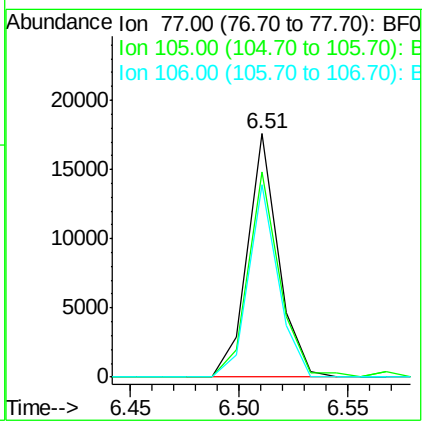


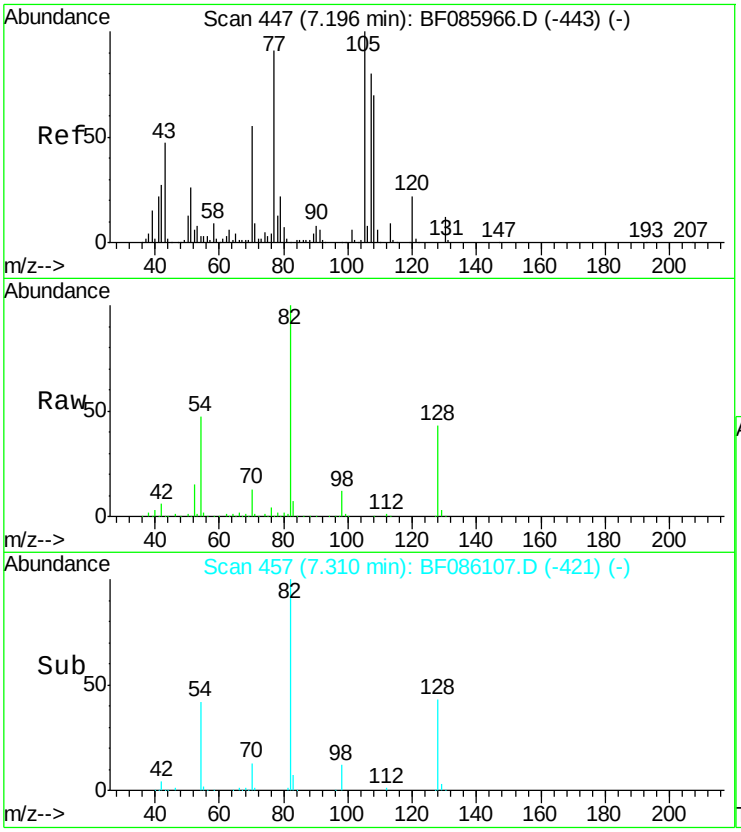


#9
Benzaldehyde
Concen: 2.93 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.18 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion: 77 Resp: 17508

Ion	Ratio	Lower	Upper
77	100		
105	84.4	80.1	120.1
106	79.2	75.0	115.0



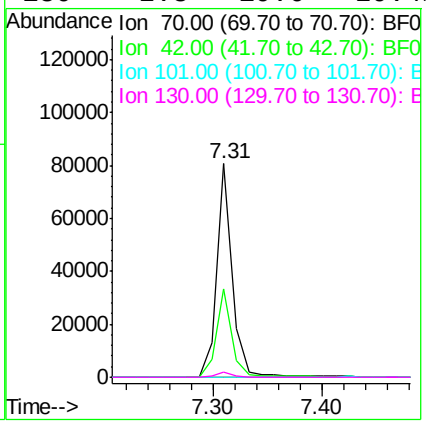


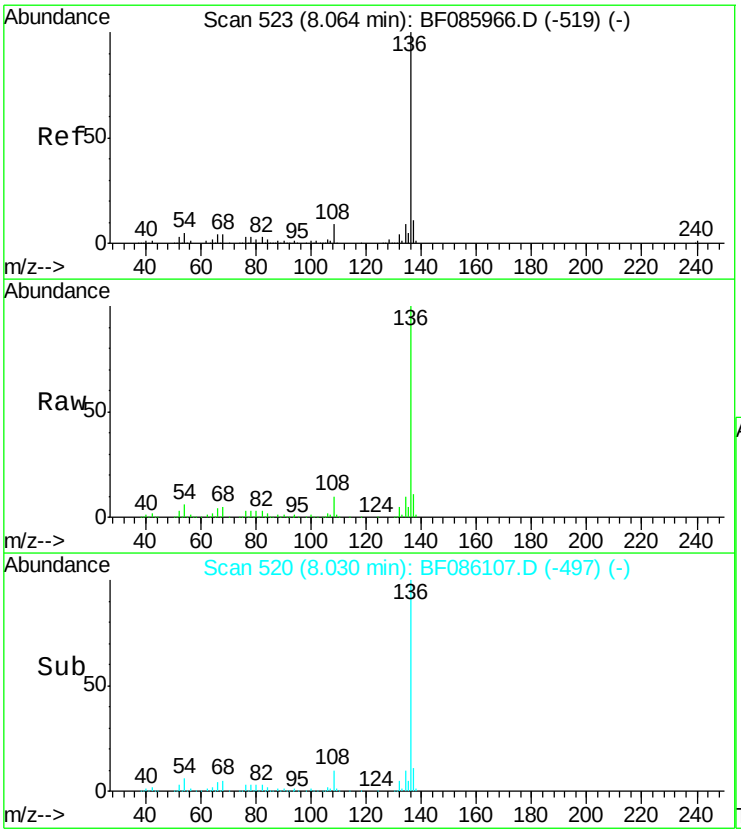
#19
n-Nitroso-di-n-propylamine
Concen: 11.76 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion: 70 Resp: 81004

Ion	Ratio	Lower	Upper
70	100		
42	41.3	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#

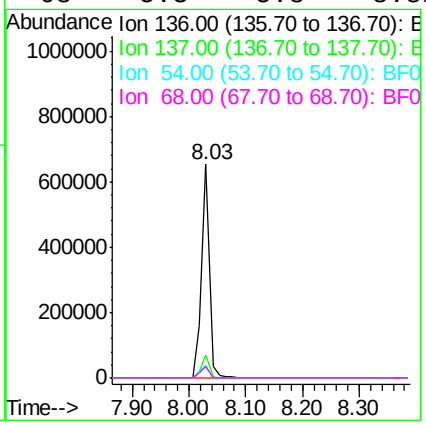


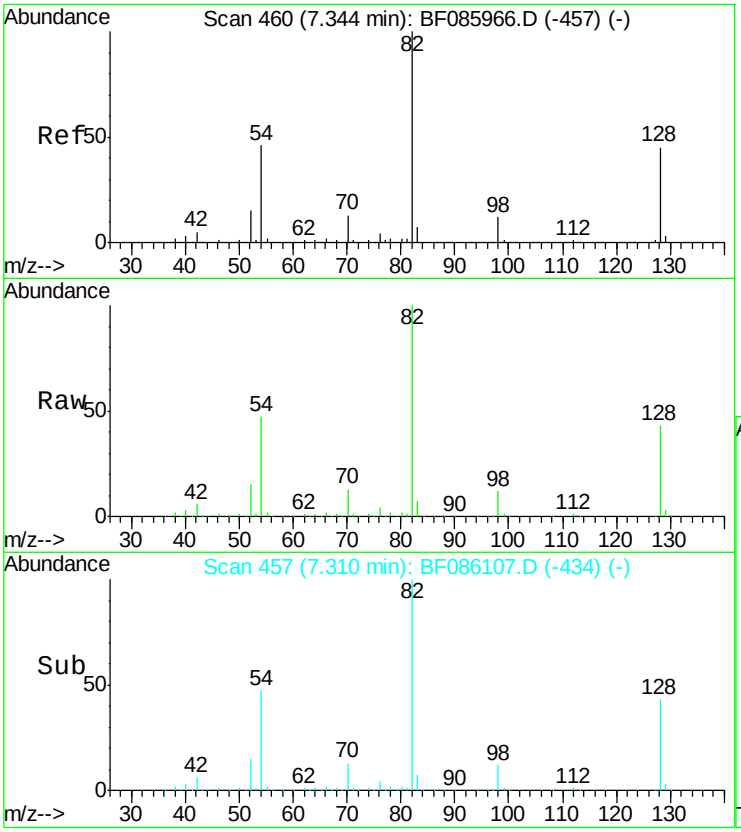


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:136 Resp: 597785

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.8	7.4	11.0#
68	5.3	5.8	8.8#



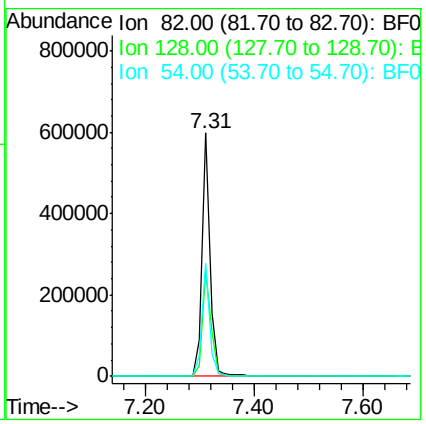


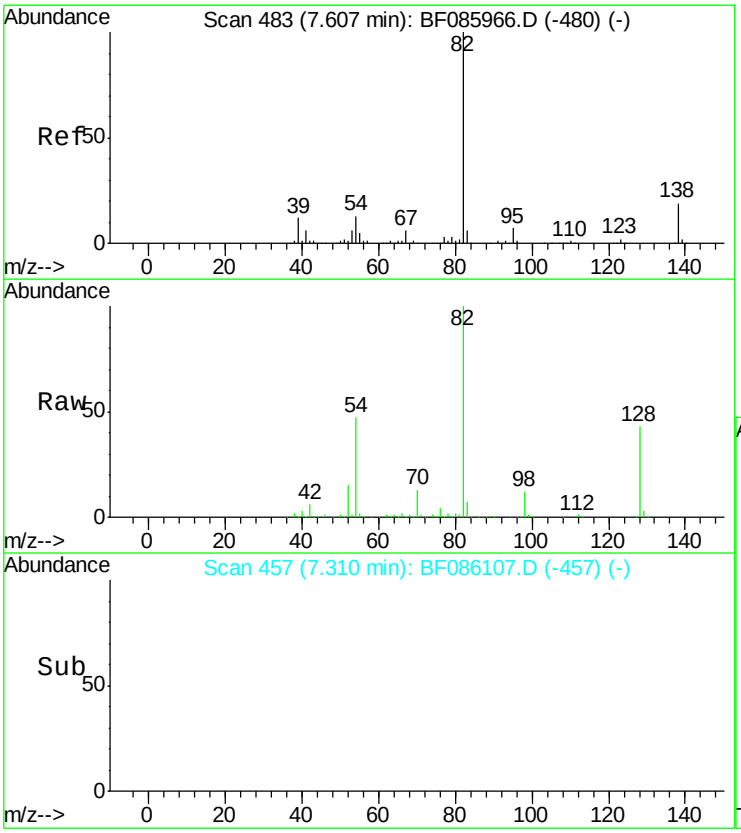
#23
Nitrobenzene-d5
Concen: 60.18 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion: 82 Resp: 610002

Ion	Ratio	Lower	Upper
82	100		
128	43.5	41.8	62.8
54	46.5	33.4	50.0

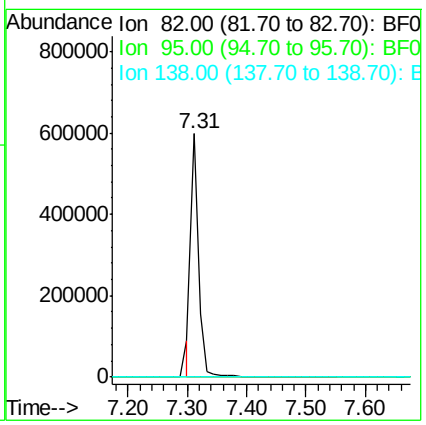


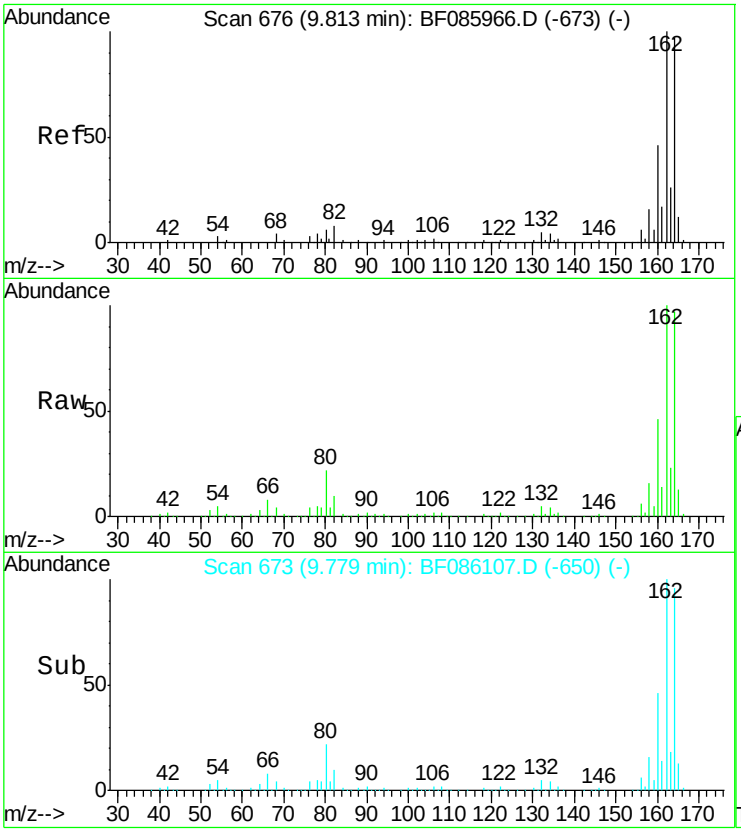


#25
Isophorone
Concen: 27.40 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion: 82 Resp: 548351

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



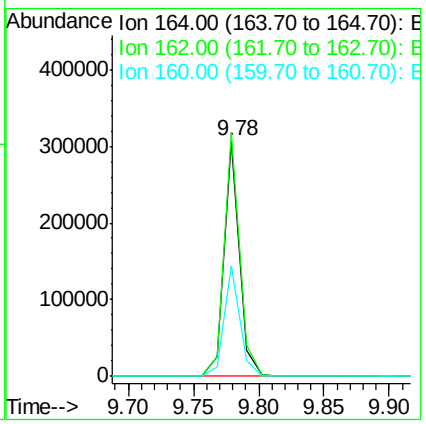


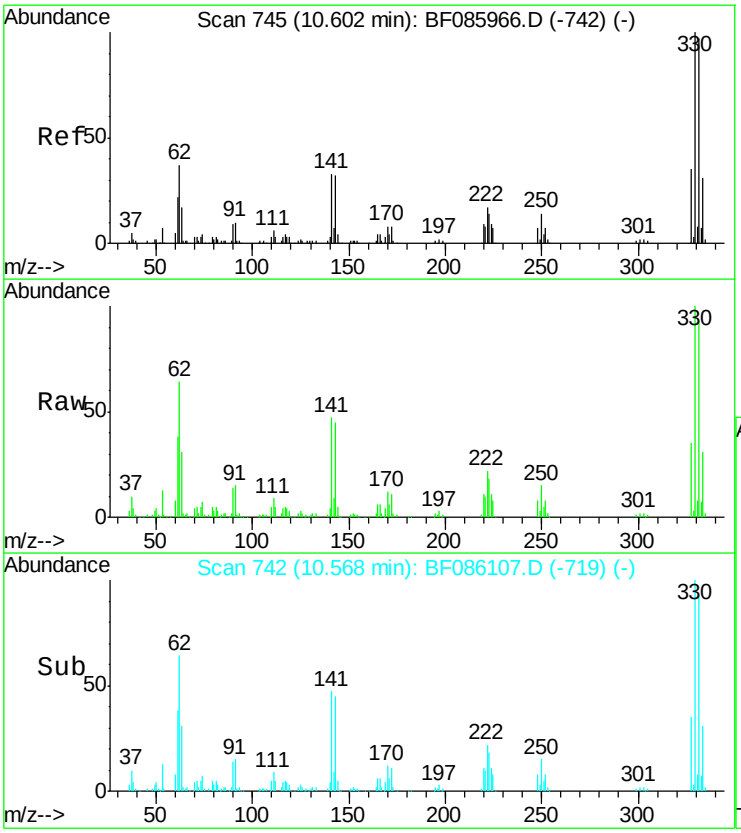
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:164 Resp: 252777

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.1	123.1
160	47.1	37.4	56.2

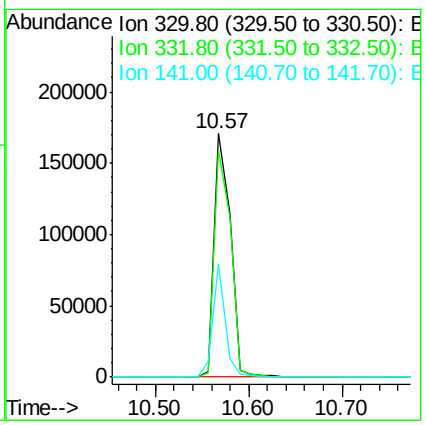


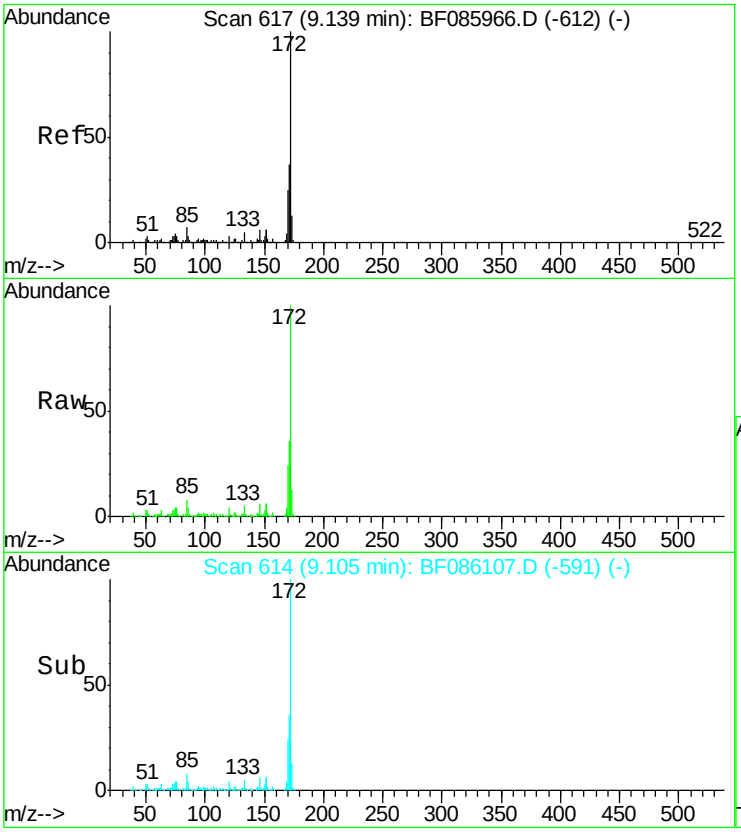


#41
2,4,6-Tribromophenol
Concen: 86.42 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:330 Resp: 205038

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.2	117.2
141	36.0	31.5	47.3



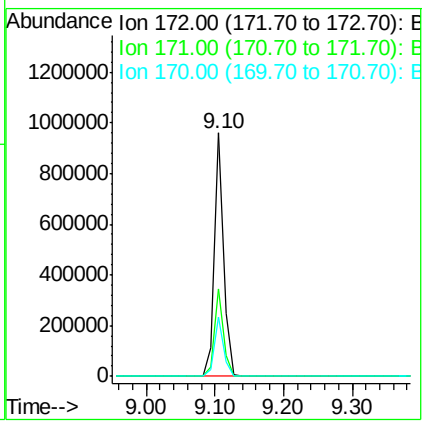


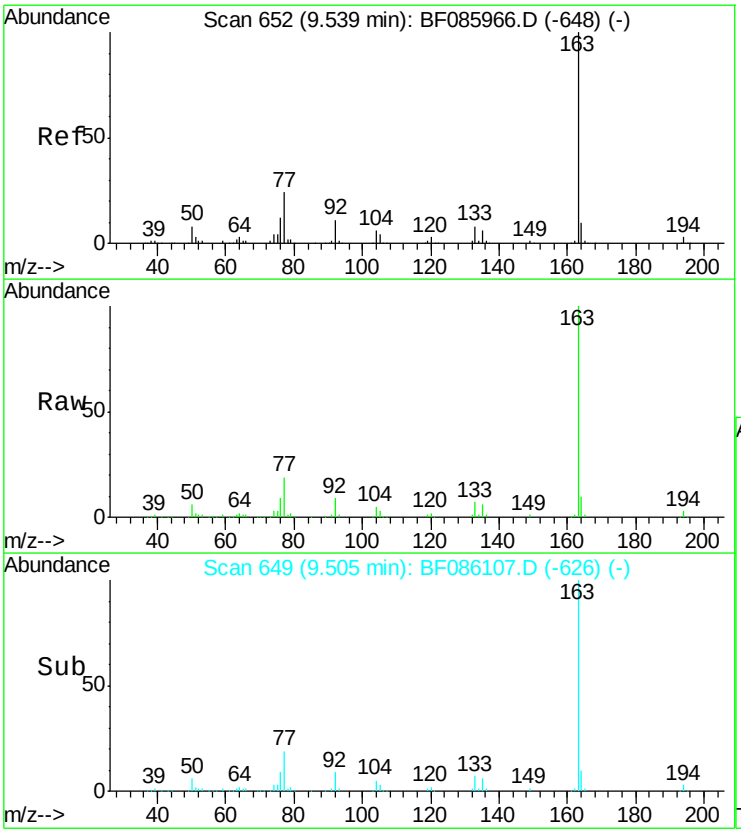
#44
2-Fluorobiphenyl
Concen: 60.33 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:172 Resp: 917123

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	24.3	19.8	29.6

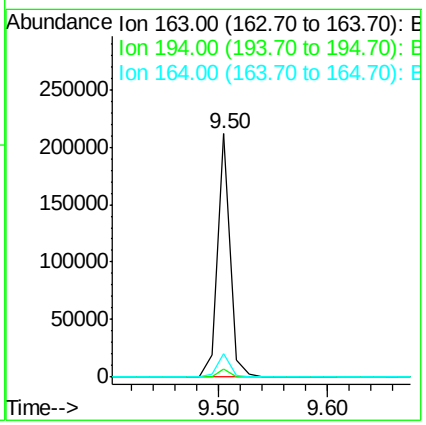


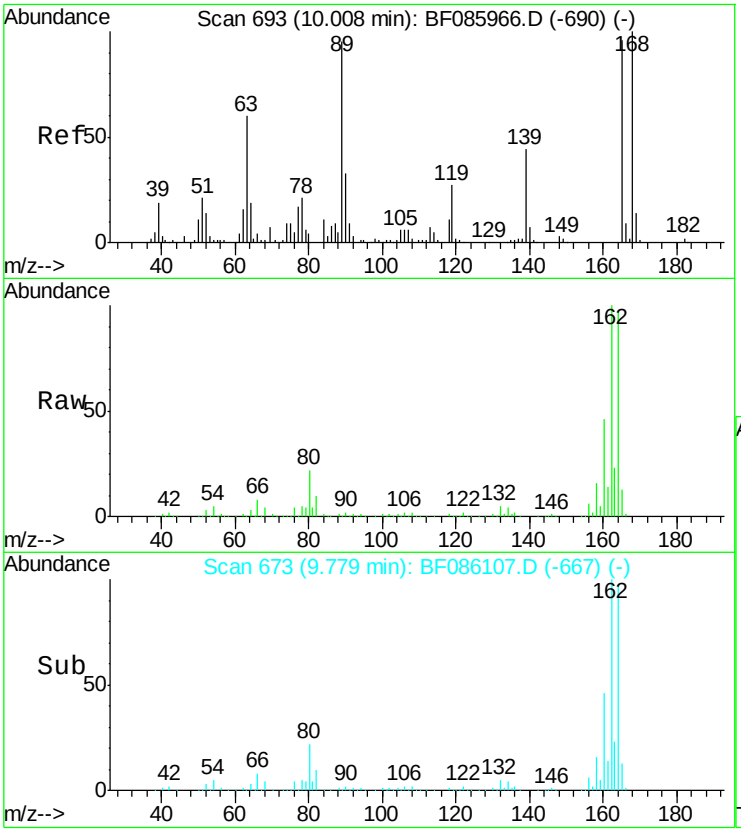


#49
Dimethylphthalate
Concen: 9.21 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:163 Resp: 172520

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	9.5	8.3	12.5



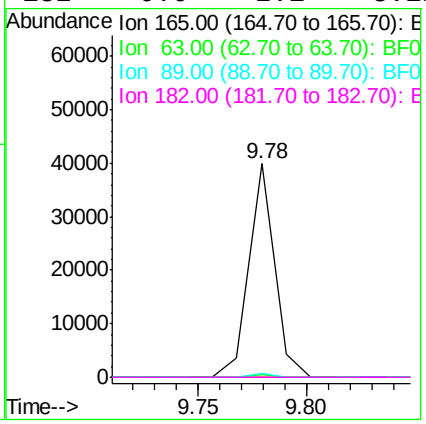


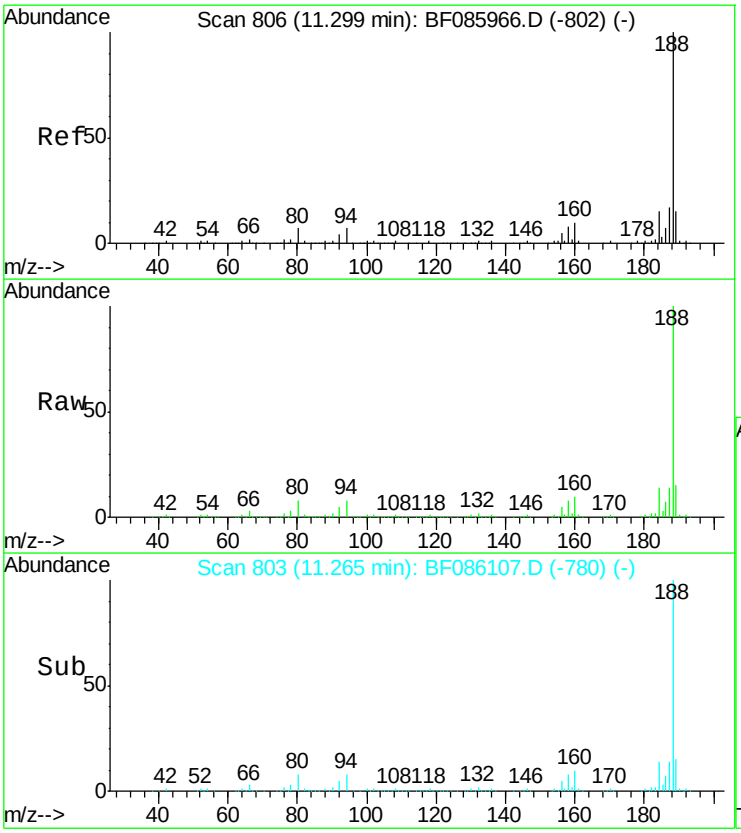
#56
2,4-Dinitrotoluene
Concen: 6.54 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.23 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:165 Resp: 32772

Ion	Ratio	Lower	Upper
165	100		
63	1.3	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#

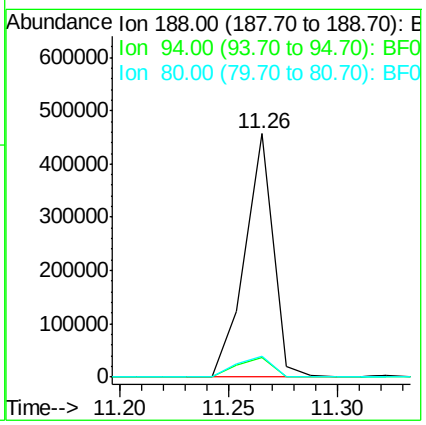


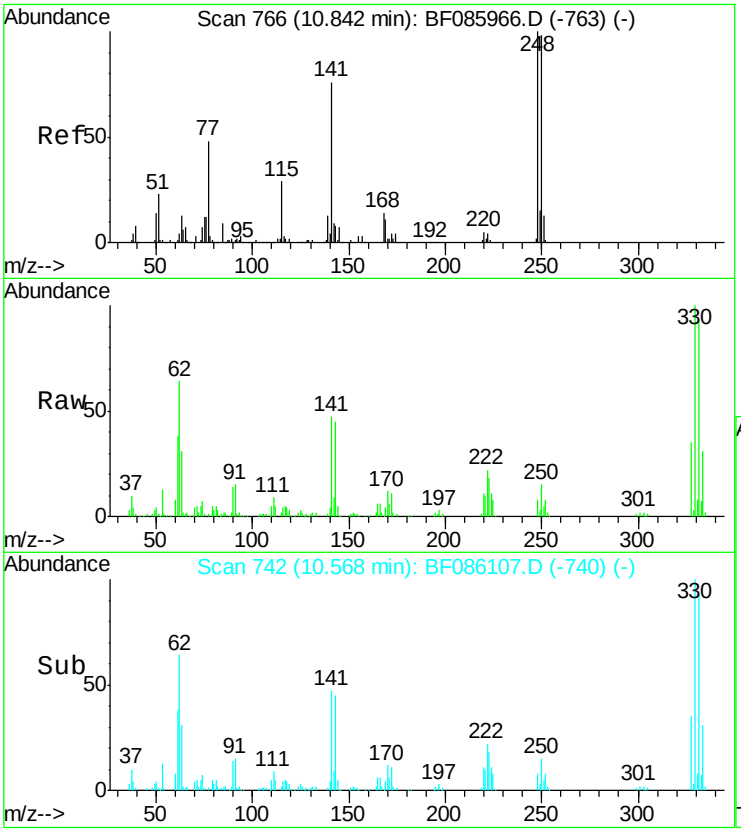


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:188 Resp: 413063

Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.4	8.0#
80	8.3	5.5	8.3#



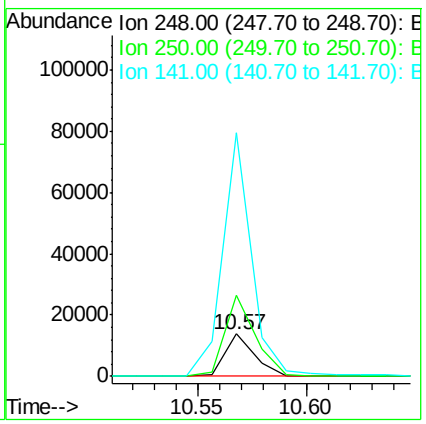


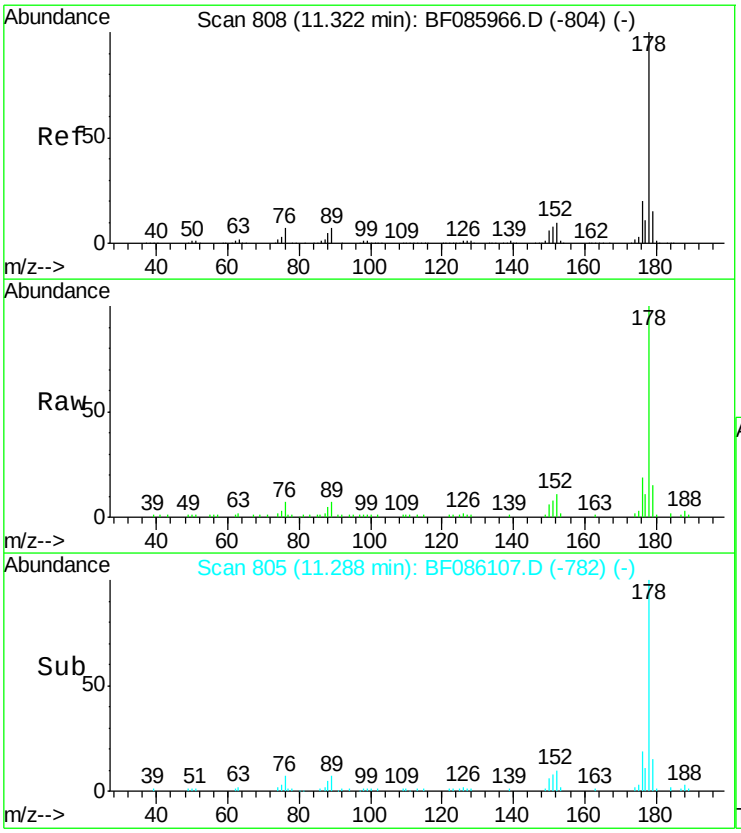
#66
4-Bromophenyl-phenylether
Concen: 3.09 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:248 Resp: 13046

Ion	Ratio	Lower	Upper
248	100		
250	191.4	77.4	116.0#
141	577.1	63.6	95.4#

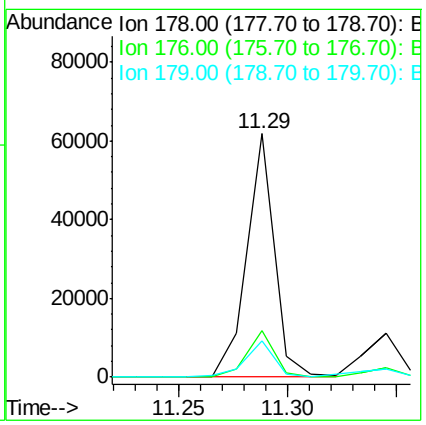


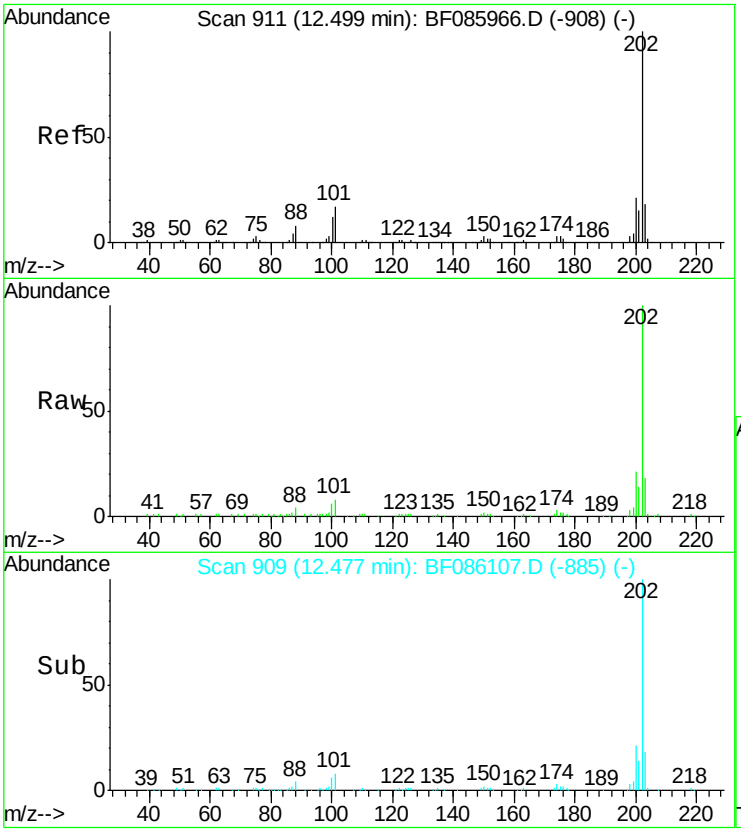


#70
Phenanthrene
Concen: 2.42 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:178 Resp: 54514

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.3	24.5
179	14.7	12.6	18.8



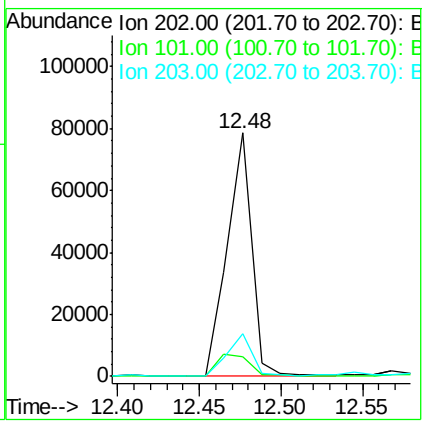


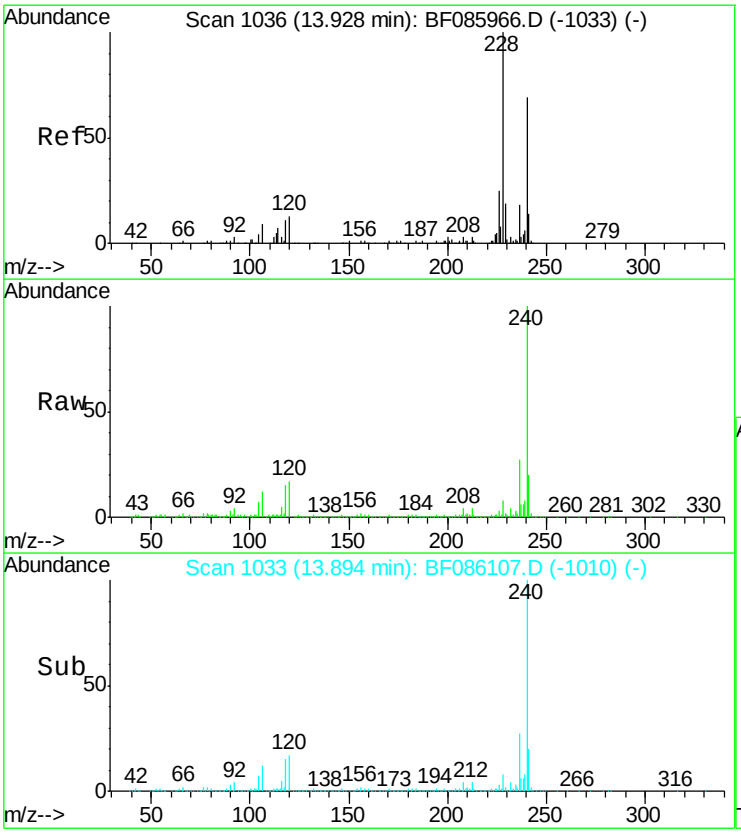
#74
Fluoranthene
Concen: 3.49 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:202 Resp: 81859

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	36.6
203	17.7	0.0	38.1

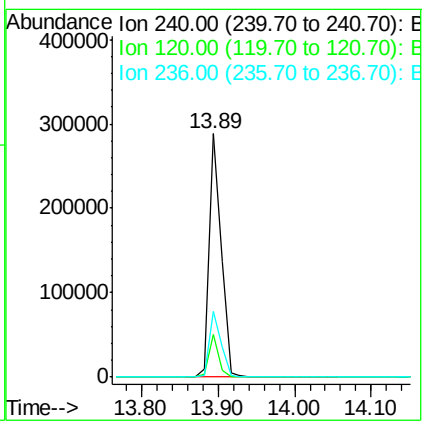


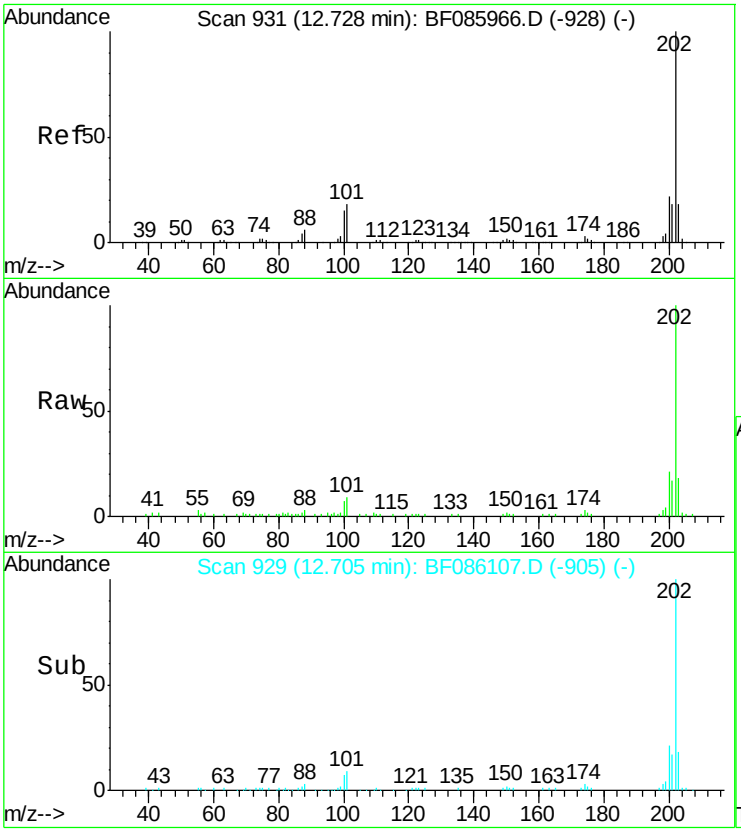


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:240 Resp: 306470

Ion	Ratio	Lower	Upper
240	100		
120	17.3	13.8	20.8
236	26.8	20.6	30.8



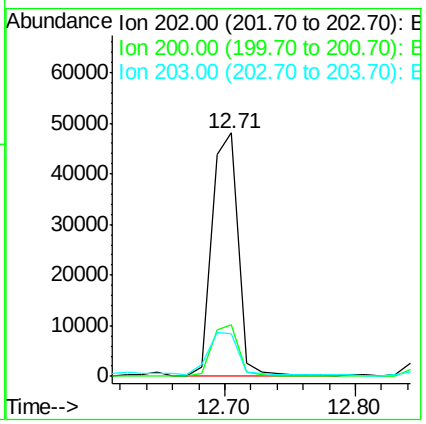


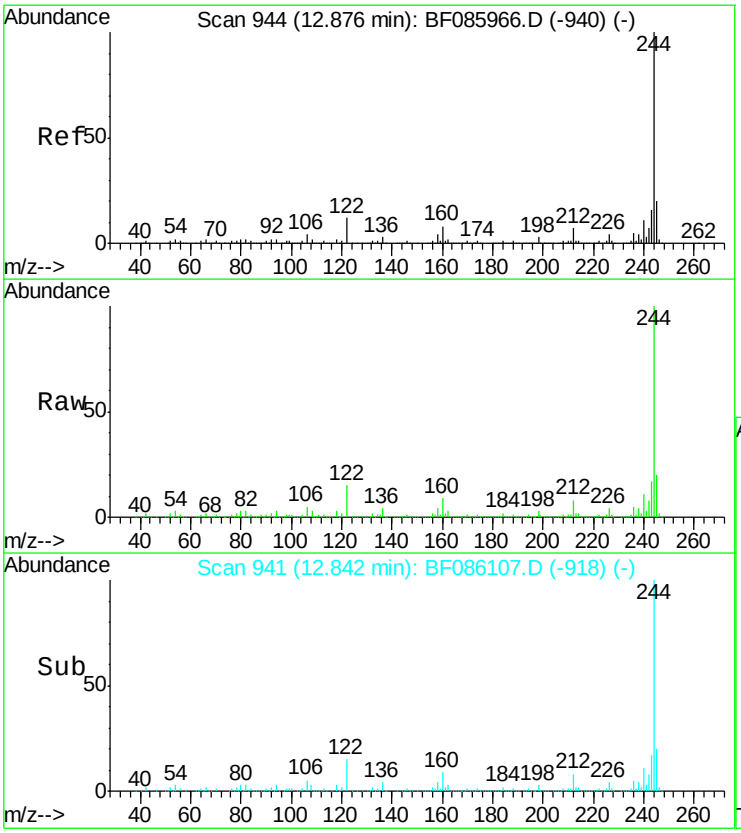
#77
Pyrene
Concen: 3.14 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:202 Resp: 67914

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.5	14.0	21.0

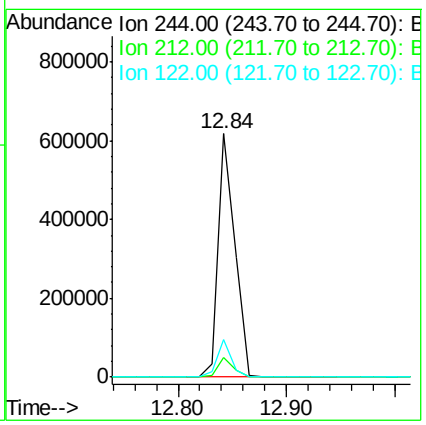


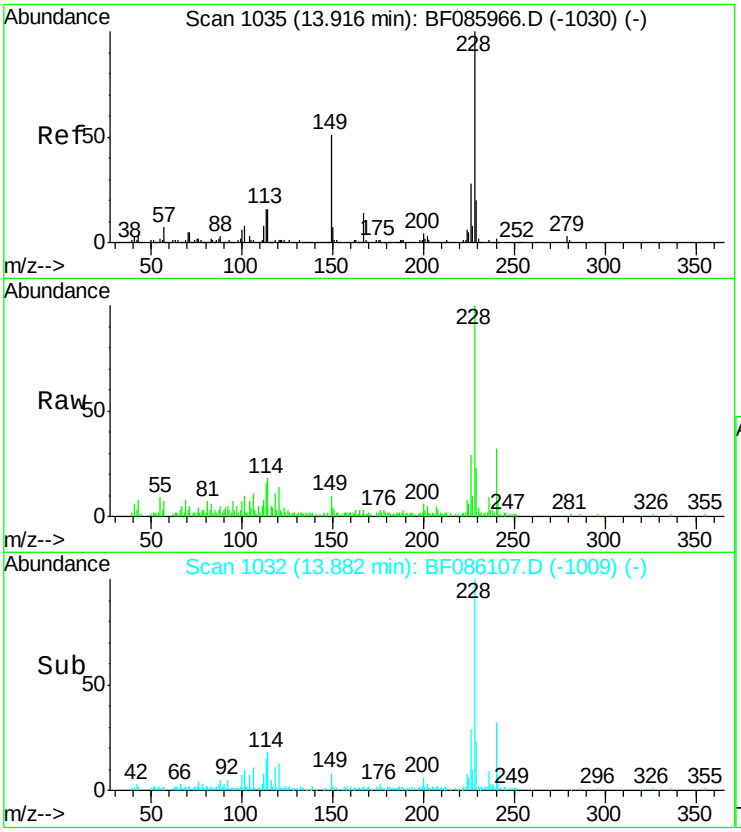


#78
Terphenyl-d14
Concen: 50.66 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:244 Resp: 660444

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.1	9.1
122	15.4	10.2	15.4



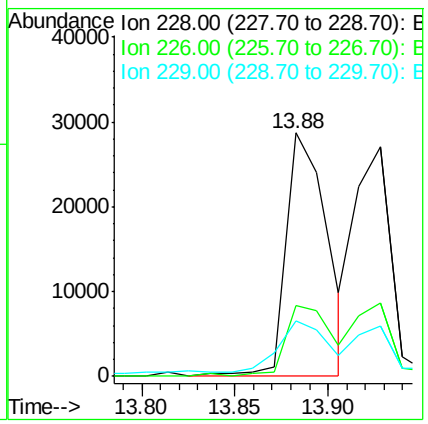


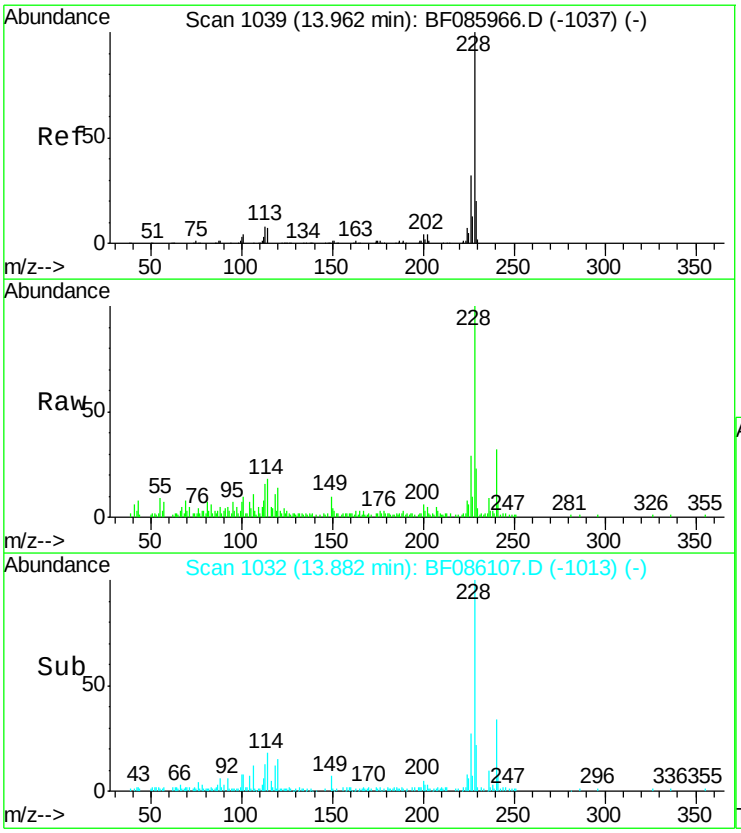
#80
Benzo(a)anthracene
Concen: 2.47 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:228 Resp: 44667

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.1	33.1
229	22.7	16.2	24.4

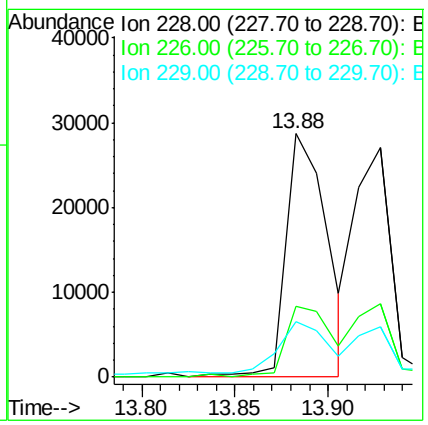


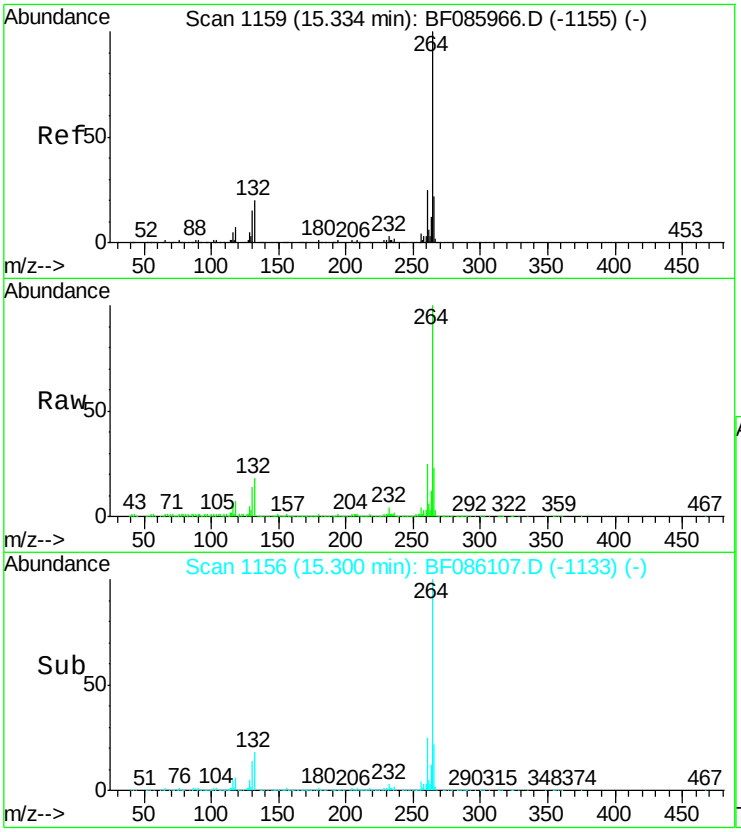


#82
Chrysene
Concen: 2.57 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.08 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:228 Resp: 44667

Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.0	37.6
229	22.7	15.7	23.5



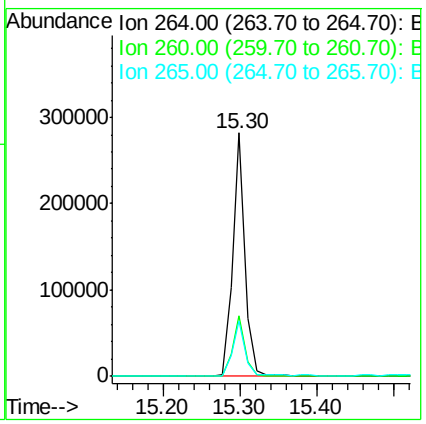


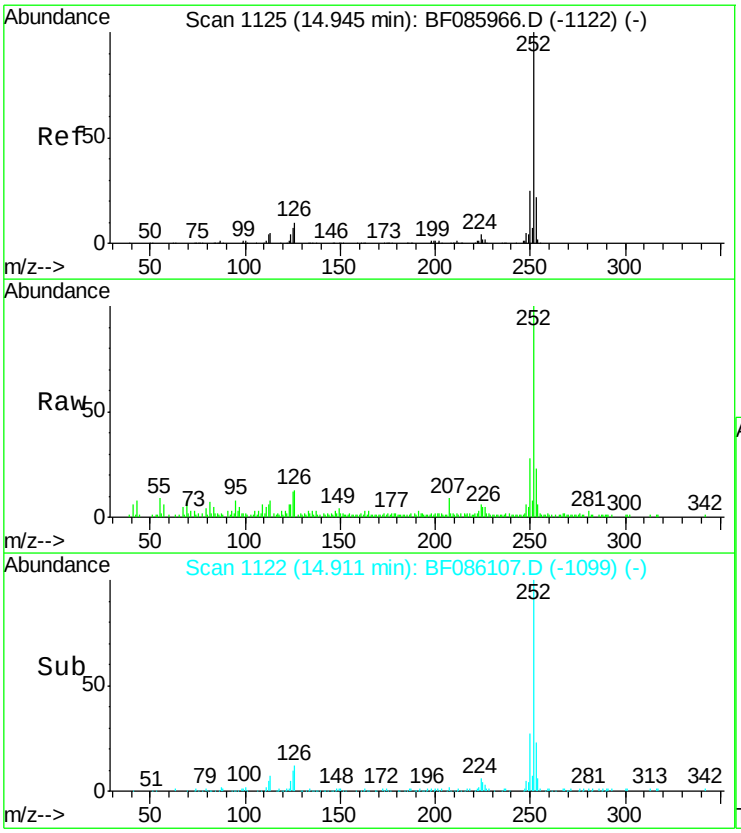
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:264 Resp: 323982

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	22.5	17.2	25.8

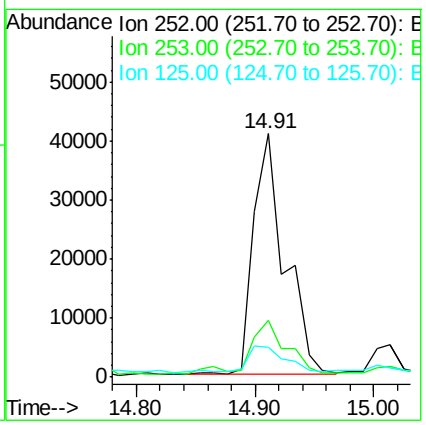


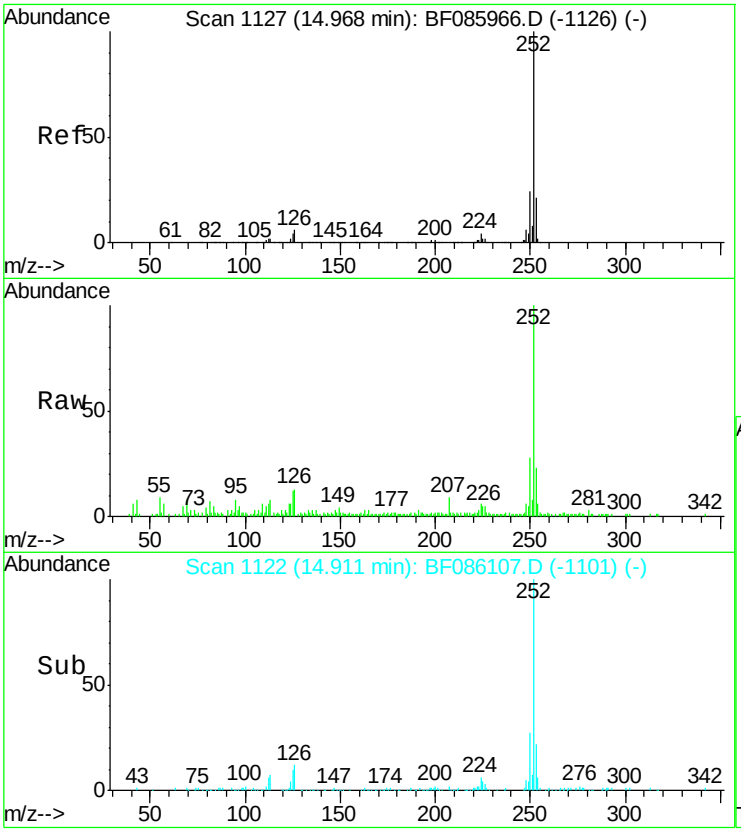


#87
Benzo(b)fluoranthene
Concen: 3.71 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:252 Resp: 75518

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	12.4	10.3	15.5



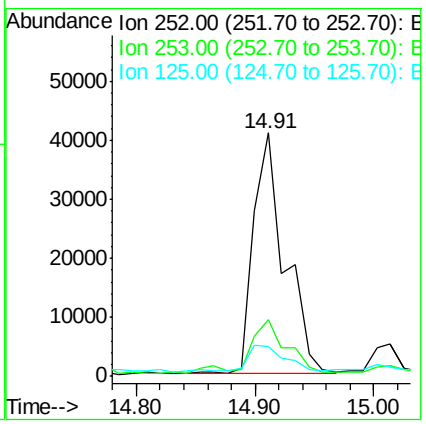


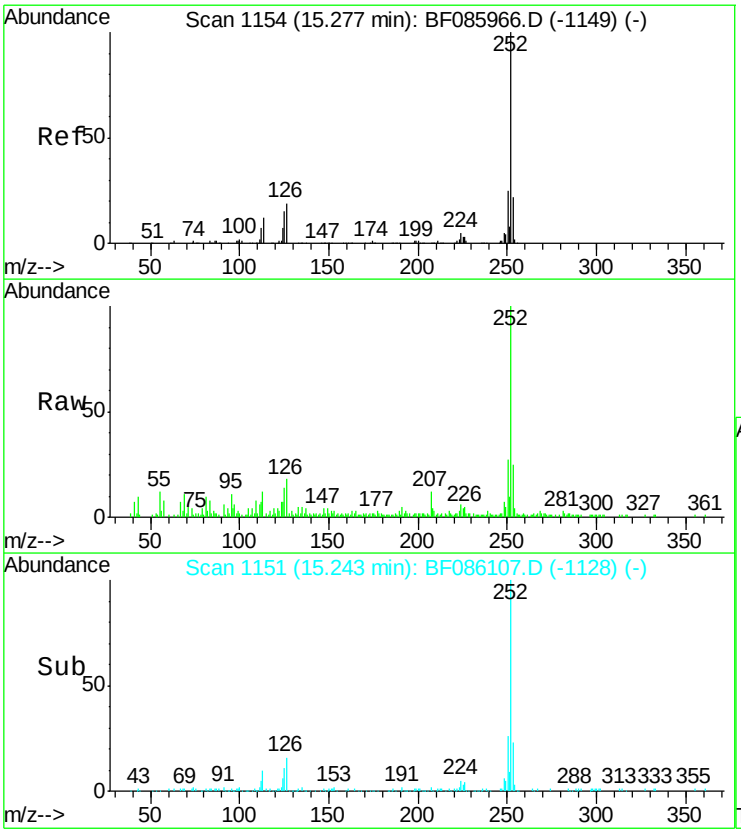
#88
Benzo(k)fluoranthene
Concen: 4.18 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:252 Resp: 75518

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	12.4	7.7	11.5#

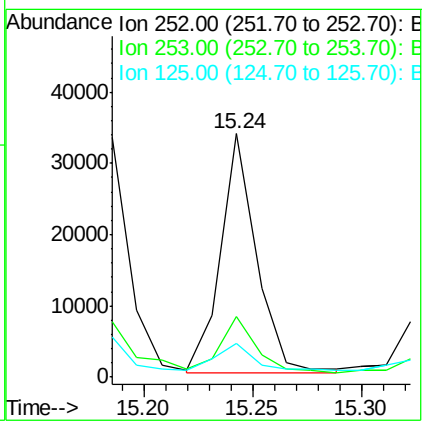


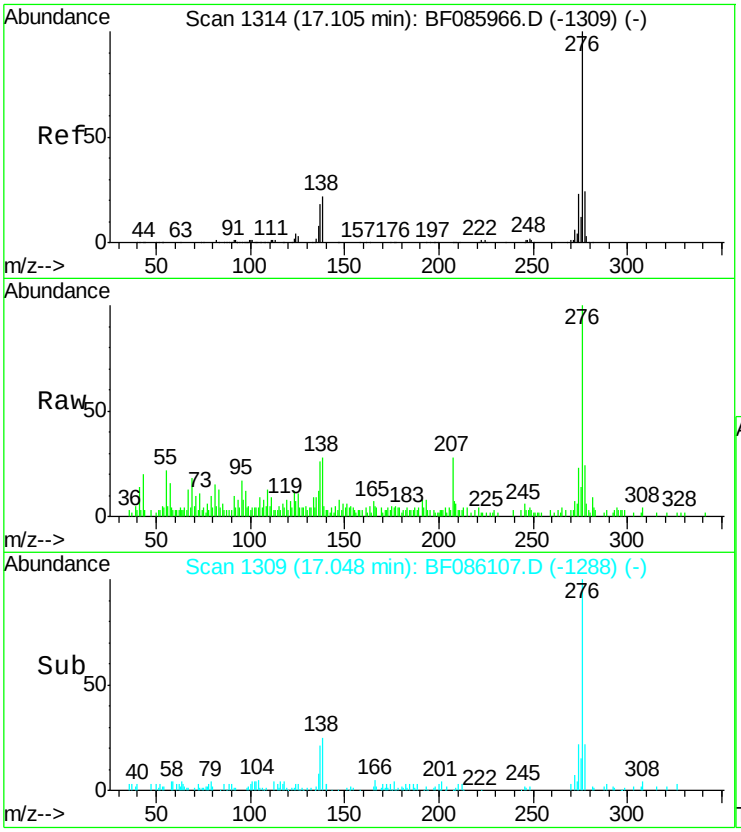


#89
Benzo(a)pyrene
Concen: 2.12 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Tgt Ion:252 Resp: 38245

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	13.9	10.3	15.5





#91
Benzo(g,h,i)perylene
Concen: 2.04 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.06 min
Lab File: BF086107.D
Acq: 6 Apr 2016 19:35

Instrument :
BNA_F
ClientSampleId :
SP-17

Tgt Ion:276 Resp: 28614

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	28.0	22.6	34.0